

KY Valid Course List Health Science

HOW TO USE THIS DOCUMENT

This document contains a listing of course descriptions and parameters along with certifications that fit the parameters for a given course. The grade range and population information listed for each course are not absolute. Please choose the course that most closely represents the students in a given course.

EXAMPLE

John Q Middle School had 5th, 6th, and 7th grade students taking a Creative Art course. This course would be linked to course number **500711: Creative Art – Comprehensive**, which shows with a recommended grade range of 6th – 12th.

The courses listed in this document are not meant to replace the course titles and course numbers already in use at the school level. Schools will link their courses in the STI Valid Course List to courses listed in this document.

Schools may have created courses that are very unique in order to meet students' needs. If a course does not meet the definition or content of one contained in this document, please use course number **909999: School Defined Course**, and code the correct content through the LEAD report.

CERTIFICATIONS

It is important to note that the certificates listed are the ones that fit *ALL* of the parameters for a specific course – there may be other certificates that can teach it with slightly more restrictive parameters.

It is very important to note that not all of the certificates listed under a specific course will meet the Highly Qualified Teacher standards as defined by The No Child Left Behind Act of 2001. Please refer to the Highly Qualified guidance documents located on the Education Professional Standards Board (EPSB) website at <http://www.kyepsb.net/nclb.asp>.

In addition to Highly Qualified considerations, please take note of the following information from ***The Program of Studies for Kentucky Schools Primary-12*** with regard to middle school courses that are offered for high school credit.

High School Credit Earned in Middle School

It is expected that most students will earn these credits during their high school years. However, local school districts may offer these courses to middle level students if the following criteria are met:

- the content and the rigor of the course is the same as established in the *Program of Studies*
- the students demonstrate mastery of the middle level content as specified in the *Program of Studies*
- the district has criteria in place to make reasonable determination that the middle level student is capable of success in the high school course
- **the middle level course is taught by teachers with either secondary or middle level certification with appropriate content specialization**

Although middle level courses list the Provisional and Standard Elementary Certificates, Grades 1-8 as allowable under the parameters of these courses, they will not meet the above requirements for courses that are offered for high school credit.

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Please contact Robin Chandler in KDE's Division of Curriculum at 502-564-2106 with any questions on content and curricula.

Please contact EPSB's Division of Certification at 502-564-4606 with any questions on credentials or permissions.

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Health Science

(170000)

Health Science - Career Major Electives (170100)

170111 - Principles of Health Science

Grade Level: 9 - 12

Credits: 1

Description: Orientation and foundation for occupations and functions across the health care cluster. Includes broad health care core standards which specify the knowledge and skills that the vast majority of health care workers should have. Prerequisite to additional courses in the Health Science Program.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170131 - Medical Terminology

Grade Level: 10 - 12

Credits: 1/2 - 1

Description: An intense study of the medical language used in all health career major areas. Pronunciation, spelling and application rules of medical terminology are included.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170141 - Emergency Procedures

Grade Level: 10 - 12

Credits: 1/2-1

Description: Cardiopulmonary resuscitation; first aid; emergency care procedures as outlined by approved First Aid/CPR certifying agency.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170161 - Medical Science for the Life Science Component within the Science Requirement

Grade Level: 10 - 12

Credits: 2

Description: Basic anatomy and physiology of the human body with emphasis on the pathology of each system. Integration of life science core content.

Content: Medical Science for the Life Science Component within the Science Requirement

Population: General

A78	Area Specialization: Health Occupations
210	Health Services
211	Radiology Technology
X210	Emergency Certificate For Health Services
200	Allied Health Science
CFBI	Provisional One-Year College Faculty Certificate for Teaching Biological Science, Grades 8-12
KBI	Professional Certificate For Teaching Biological Science, Grades 8 Through 12
KBII	Provisional Internship Certificate For Teaching Biological Science, Grades 8 Through 12
KBIL	Certificate For Teaching Kentucky Biology Limited, Grades 8-12
R51	Area Specialization: Science Limited To Biology
TPBI	Temporary Provisional Certificate For Biology, Grades 8-12
AJBI	Adjunct Instructor For Biology, Grades 8-12
B51	Teaching Major: Biology
C51	Teaching Minor: Biology
B54	Teaching Major: Biology-Health
CBI	Professional Certificate For College Faculty, Biology, Grades 8-12
CBII	Provisional Internship Certificate For College Faculty, Biology, Grades 8-12
TEBI	Temporary Certificate For Biology, Grades 8-12
COBI	Conditional One-Year Certificate For Biology, Grades 8-12
B50	Teaching Major: Science
A50	Area Specialization: Science
C50	Teaching Minor: Science
WBI	Professional Certificate For Teaching Biological Science, Grades 8 Through 12
WBII	Provisional Internship Certificate For Teaching Biological Science, Grades 8 Through 12
X51	Emergency Certificate For Teaching Biology

170162 - Medical Science for CTE Credit

Grade Level: 10 - 12

Credits: 1

Description: Basic anatomy and physiology of the human body with emphasis on the pathology of each system.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170171 - Health and Wellness - for Health Component within the Health Requirement

Grade Level: 10 - 12

Credits: 1/2 - 1

Description: Promotion of a healthy lifestyle through proper nutrition, physical activity, and lifestyle choices. Emphasis on holistic health care and the health care industry. Contains Health core content.

Content: Health and Wellness for the Health Component within the Health Requirement

Population: General

A78	Area Specialization: Health Occupations
B54	Teaching Major: Biology-Health
210	Health Services
211	Radiology Technology
X210	Emergency Certificate For Health Services
200	Allied Health Science
AJHE	Adjunct Instructor For Health, All Grades
B87	Teaching Major: Health-Physical Education
B89	Teaching Major: Health
C87	Teaching Minor: Health-Physical Education
C89	Teaching Minor: Health
CHE	Professional Certificate For College Faculty, Health, All Grades
CHEI	Provisional Internship Certificate For College Faculty, Health, All Grades
E89	Endorsement For Teaching Health Education, Grades K-8
J89	Junior High Major: Health
COHE	Conditional One-Year Certificate For Health, All Grades
A86	Area Specialization: Health-Physical Education-Recreation
X89	Emergency Certificate For Teaching Health
AM89	Approval For Teaching Health In The Middle Grades 5-6
B85	Teaching Major: Health-Safety
K89	Junior High Semi-Major: Health
A87	Area Specialization: Health-Physical Education
KHE	Professional Certificate For Teaching Health, All Grades
KHEI	Provisional Internship Certificate For Teaching Health, All Grades
TEHE	Temporary Certificate For Health, All Grades
TPHE	Temporary Provisional Certificate For Teaching Health, All Grades
WHE	Professional Certificate For Teaching Health, All Grades
WHEI	Provisional Internship Certificate For Teaching Health, All Grades

170172 - Health and Wellness - for CTE Credit

Grade Level: 10 - 12

Credits: 1/2 - 1

Description: Promotion of a healthy lifestyle through proper nutrition, physical activity, and lifestyle choices. Emphasis on holistic health care and the health care industry.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170181 - Medical Math

Grade Level: 10 - 12

Credits: 1/2 - 1

Description: Applied mathematics related to health care; metric measurements, conversions, ratio/proportion.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170199 - Leadership Dynamics - Health Science

Grade Level: 9 - 12

Credits: 1/2 - 1

Description: This course is designed to assist students with developing skills needed to be successful leaders and responsible members of society. This student will develop personal attributes and social skills. Emphasis will be placed on interpersonal skills, team building, communication, personal development and leadership. This course will include opportunities for students to apply their knowledge.

Content: Leadership Dynamics

Population: General

Due to the large number of certificates permitted to teach this course, no certificates are listed. Please check the certificate permissions on the EPSB website to verify a teacher's permission to teach this course.

Health Science - Allied Health (170500)

A group of courses for students interested in pursuing a health career that serve as a foundation for further studies in the broad health care field. Courses are aligned with national Health Science Core Standards.

170501 - Health Care Fundamentals

Grade Level: 11 - 12

Credits: 1--2

Description: Knowledge, concepts and psychomotor skills needed for gainful employment as an entry-level health care worker. Classroom instruction is combined with clinical experience and observation. Students should complete Health Science Introduction and Emergency Procedures prior to enrolling in this course.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170521 - Advanced Allied Health

Grade Level: 12 - 12

Credits: 1 --3

Description: Expanded practical application of health care skills; enrichment and refinement of academic skills. Unpaid work-based learning in the health care field. Students must complete either MNA or Fundamentals of Health Care prior to enrolling in this course.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170591 - Special Topics in Allied Health

Grade Level: 11 - 12

Credits: 1--3

Description: Individualized instruction related to Health Science/Allied Health major but not described in the above courses.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

Health Science - Pre-Nursing (170600)

An instructional program that prepares students to work as an entry-level nursing assistant upon successful completion of the state Medicaid Nurse Aid program and examination. Additional courses to complete a career major are found under Allied Health career major.

170621 - Advanced Pre-Nursing

Grade Level: 11 - 12

Credits: 1

Description: A Pre-Nursing practicum is designed to integrate meaningful experiences and academic knowledge with prior educational objectives. Students shall have completed all prerequisites for the Pre-Nursing Career Major. These experiences shall be aligned with an approved practicum task list. Emphasis will be on the students' ability to develop, enhance and expand skills in a health care setting.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science

170631 - Medicaid Nurse Aide

Grade Level: 11 - 12

Credits: 3

Description: An instructional program that prepares individuals to perform routine nursing-related services to patients in hospitals or long-term care facilities, under the training and supervision of an approved registered nurse or licensed practical nurse. State Registry is available upon successful completion of state written and performance examination. Prior to offering this course, the instructor and health science program must be approved for meeting state requirements set by the Cabinet for Health and Family Services.

Content: Medicaid Nurse Aide

Population: General

A78	Area Specialization: Health Occupations
X210	Emergency Certificate For Health Services
210	Health Services

170691 - Special Topics in Health Science/Pre-Nursing Major

Grade Level: 11 - 12

Credits: 1 --3

Description: Individualized instruction related to Health Science/Pre-Nursing major but not described in the

above courses.

Content: Health Science (CTE)

Population: General

X210	Emergency Certificate For Health Services
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
210	Health Services
250	Practical Nursing
211	Radiology Technology
A78	Area Specialization: Health Occupations
X97	Emergency Certificate For Teaching Industrial Technology
AJAH	Adjunct Instructor For Allied Health, Grades 5-12
200	Allied Health Science